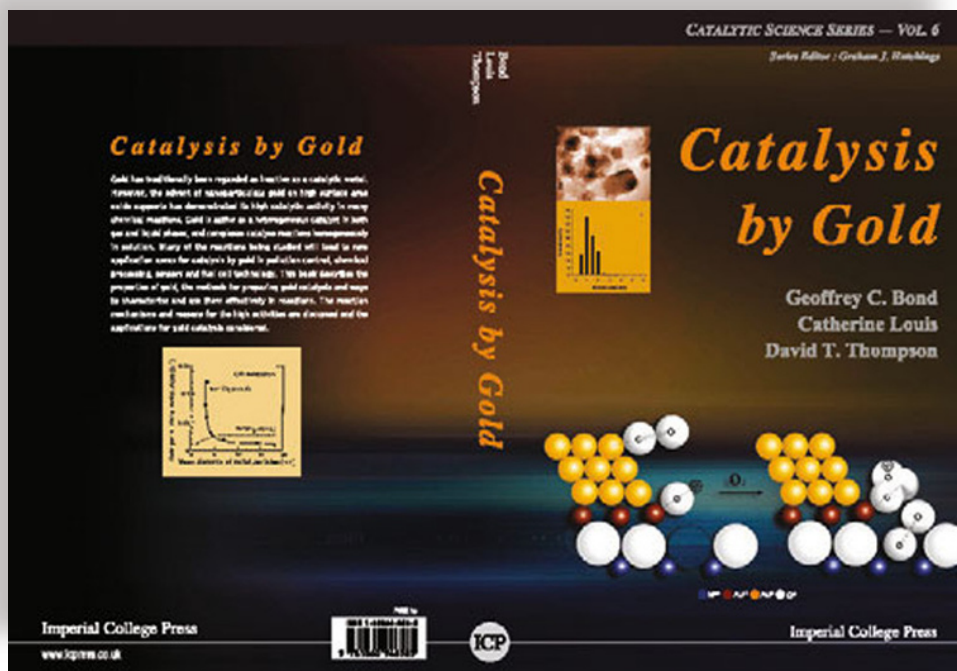


New Book Announcement

World Gold Council is pleased to be associated with the publication of the first book on this topical subject by Imperial College Press.



Catalysis by Gold

by **Geoffrey C Bond** (*Brunel University, UK*), **Catherine Louis** (*Université Pierre et Marie Curie, France*) and **David T Thompson** (*Consultant, World Gold Council, UK*)

Gold has traditionally been regarded as inactive as a catalytic metal. However, the advent of nanoparticulate gold on high surface area oxide supports has demonstrated its high catalytic activity in many chemical reactions. Gold is active as a heterogeneous catalyst in both gas and liquid phases, and complexes catalyse reactions homogeneously in solution. Many of the reactions being studied will lead to new application areas for catalysis by gold in pollution control, chemical processing, sensors and fuel cell technology. This book describes the properties of gold, the methods for preparing gold catalysts and ways to characterise and use them effectively in reactions. The reaction mechanisms and reasons for the high activities are discussed and the applications for gold catalysis considered.

Imperial College Press, 366pp
ISBN 1-86094-658-5

US\$88/£51
www.icpress.co.uk/chemistry/p450.html

Aimed at post-graduate level researchers in academia and industry, this new book is written by leading experts in gold catalysis and was published in August 2006. Copies were available at the 4th International Conference on Gold, GOLD 2006, held at the University of Limerick, Ireland, 3-6 September 2006 and can now be ordered using the above web address.

A book review will appear in a later issue of Gold Bulletin.